

SHARP[®]

MODEL
AR-NB2 A

NETWORK EXPANSION KIT

SOFTWARE SETUP GUIDE
(for network printer)

	Page
• INTRODUCTION	2
• BEFORE INSTALLATION	5
• SETUP IN A WINDOWS ENVIRONMENT	10
• SETUP IN A MACINTOSH ENVIRONMENT	19

INTRODUCTION

This manual explains how to configure network settings and install and configure the software to enable the machine to be used as a network printer.

Trademark acknowledgments

- Microsoft®, Windows®, Windows® 98, Windows® Me, Windows® 2000, Windows® XP, Windows Server® 2003, Windows Vista® and Internet Explorer® are registered trademarks or trademarks of Microsoft Corporation in the U.S.A. and other countries.
- PostScript is a registered trademark of Adobe Systems Incorporated.
- Macintosh, Mac OS, AppleTalk, EtherTalk and LaserWriter are trademarks of Apple Inc., registered in the U.S. and other countries.
- Adobe, the Adobe logo, Acrobat, the Adobe PDF logo, and Reader are registered trademarks or trademarks of Adobe Systems Incorporated in the United States and other countries.
- PCL is a registered trademark of the Hewlett-Packard Company.
- IBM, PC/AT, and PowerPC are trademarks of International Business Machines Corporation.
- All other trademarks and copyrights are the property of their respective owners.

SOFTWARE LICENSE

The SOFTWARE LICENSE will appear when you install the software from the CD-ROM. By using all or any portion of the software on the CD-ROM or in the machine, you are agreeing to be bound by the terms of the SOFTWARE LICENSE.



- The explanations of screens and procedures in this manual are primarily for Windows® XP in Windows® environments, and Mac OS X v10.4 in Macintosh environments. The screens may vary in other versions of the operating systems.
- The explanations in this manual are based on the North American version of the software. Versions for other countries and regions may vary slightly from the North American version.
- This manual refers to the digital multifunctional system AR-M201 as "the machine".
- Where "XX-XXXX" appears in this manual, please substitute the name of your model.
- The PS3 expansion kit (AR-PK1N) mentioned in this manual is an option.

The display screens, messages, and key names shown in the manual may differ from those on the actual machine due to product improvements and modifications.

CONTENTS

INTRODUCTION.....	2
BEFORE INSTALLATION	
CD-ROMS AND SOFTWARE.....	5
● CD-ROMS IN THE NETWORK EXPANSION KIT	5
● SYSTEM REQUIREMENTS	7
● SOFTWARE REQUIREMENTS.....	7
CONNECTING TO A NETWORK.....	8
CHECKING THE IP ADDRESS	8
● HOW TO RESET THE NETWORK EXPANSION KIT	8
USER PROGRAMS FOR THE NETWORK EXPANSION KIT.....	9
SETUP IN A WINDOWS ENVIRONMENT	
INSTALLING THE SOFTWARE	10
● INSTALLING THE PRINTER DRIVER	10
● SHARING THE PRINTER USING WINDOWS NETWORKING	13
● INSTALLING THE PRINTER STATUS MONITOR.....	15
● INSTALLING THE PS DISPLAY FONTS.....	16
USING THE PPD FILE.....	17
● Installing the resident font information for PPD (only when the PPD file is installed in Windows 98/Me)	17
CONFIGURING THE PRINTER DRIVER	18
SETUP IN A MACINTOSH ENVIRONMENT	
MAC OS X.....	19
MAC OS 9.0 - 9.2.2.....	23

BEFORE INSTALLATION

CD-ROMS AND SOFTWARE

CD-ROMS IN THE NETWORK EXPANSION KIT

The network expansion kit contains the following four CD-ROMs: "Software CD-ROM" (Disc 1), "Software CD-ROM" (Disc 2), "Sharpdesk" (Disc 1) and "Sharpdesk" (Disc 2).

Caution The printer driver, Printer Status Monitor and Printer Administration Utility on the "Software CD-ROM" cannot be used when the machine is connected to your computer by a USB.

"Software CD-ROM" (Disc 1)

The "Software CD-ROM" (Disc 1) contains the following software programs:

Software for Windows

- **Printer driver**

These allow the machine to be used as a printer.

- **PCL6 and PCL5e printer driver**

The machine supports the Hewlett-Packard PCL6 and PCL5e printer control languages. It is recommended that you use the PCL6 printer driver. If you have a problem printing from older software using the PCL6 printer driver, use the PCL5e printer driver.

- **PS printer driver**

The PS printer driver supports the PostScript 3 page description language developed by Adobe Systems Incorporated.

- **PPD driver**

The PPD driver enables the machine to use the standard Windows PS printer driver.

- **Printer Status Monitor**

This allows you to check the status of the network printer on your computer screen.

"Software CD-ROM" (Disc 2)

The "Software CD-ROM" (Disc 2) contains the following software programs:

Software for Windows

- **Printer Administration Utility**

This allows the administrator to monitor the machine and configure machine settings from a computer. To install and use the Printer Administration Utility, see the Readme file and the manual in PDF format on the "Software CD-ROM" (Disc 2). The Readme file and manual are in the following folder on the CD-ROM. (Substitute the letter of your CD-ROM drive for "R" in the following path.)

R:\Sadmin\Documents\English

- **Online manuals**

Manuals in PDF format that are viewed using Adobe Reader or Adobe Acrobat Reader.

Software for Macintosh

- **PPD file**

This is the printer description file which enables the machine to be used as a PostScript 3 compatible printer. The PS3 expansion kit is required to use the machine in a Macintosh environment.

- **Online manuals**

Manuals in PDF format that are viewed using Adobe Reader or Adobe Acrobat Reader.

"Sharpdesk" CD-ROMs (for Windows)

The "Sharpdesk" CD-ROM consists of 2 discs. Sharpdesk is a desktop document management application that makes it easy to start applications and file documents and images.

For information on the "Sharpdesk" CD-ROMs and the procedure for installing Sharpdesk, see operation manual for network scanner (PDF format).

SYSTEM REQUIREMENTS

Before installing the software described in this manual, make sure that your computer satisfies the following requirements.

	Windows	Macintosh
Operating system*	Windows 98, Windows Me, Windows 2000 Professional, Windows XP Professional, Windows XP Home Edition, Windows Server 2003, Windows Vista	Mac OS 9.0 to 9.2.2, Mac OS X v10.1.5, Mac OS X v10.2.8, Mac OS X v10.3.9, Mac OS X v10.4 to 10.4.10
Computer type	IBM PC/AT compatible computer Equipped with a 10Base-T/100Base-TX LAN board.	An environment in which any of the operating systems listed above can fully operate (including Macintosh computers with an Intel processor).
Display	800 x 600 resolution (SVGA) with 256 colors or higher (32,000 colors (16 bit) or higher is recommended)	
Other hardware requirements	An environment that allows any of the above operating systems to fully operate.	

* Printing is not possible in MS-DOS mode.

SOFTWARE REQUIREMENTS

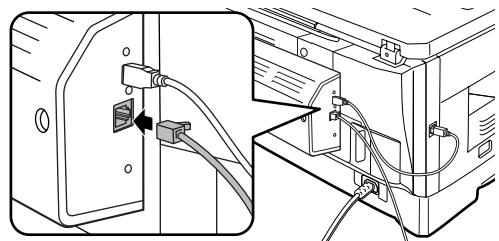
The following requirements must be met to use the software described in this manual.

Operating system environment	Software	Required expansion kits
Windows	PCL6 printer driver, PCL5e printer driver	—
	PS printer driver, PPD driver	PS3 expansion kit
	Printer Status Monitor	—
	Printer Administration Utility	—
Macintosh	Macintosh PPD driver	PS3 expansion kit

CONNECTING TO A NETWORK

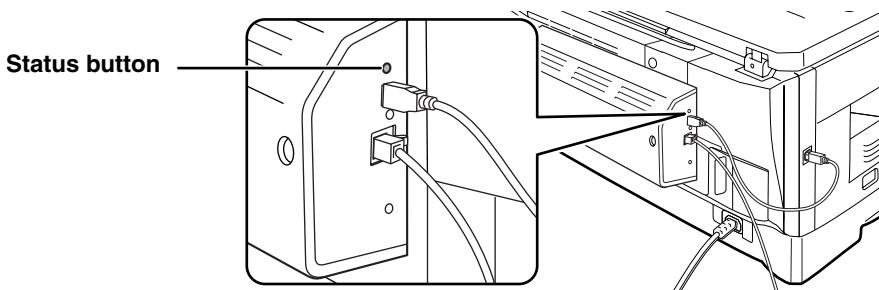
After the network expansion kit has been installed in the machine, connect a LAN cable to the LAN connector of the network expansion kit.

Use a network cable that is shielded.



CHECKING THE IP ADDRESS

To check the IP address of the machine, hold down the status button on the network expansion kit at least 2 seconds to print out a Printer Setting List.



HOW TO RESET THE NETWORK EXPANSION KIT

To reset the network expansion kit, turn on the power while holding down the status button on the network expansion kit. Continue to hold down the status button until a beep sounds.



Network scanner destination information and scanning settings will remain after the network expansion kit is reset, however, the network settings and printer settings will revert to the factory default settings.

USER PROGRAMS FOR THE NETWORK EXPANSION KIT

When the network expansion kit is installed in the machine, the following programs are added to the user programs for Print mode.

The IP address and other network settings are configured using these user programs.



The procedure for selecting a user program setting is explained in "SELECTING A SETTING FOR A USER PROGRAM" in the operation manual.

Additional user programs for Print mode

Program number	Program name	Settings (factory default settings appear in bold)	Explanation
4	ENABLE TCP/IP	1: YES 2: NO	This program must be enabled to use the machine on a TCP/IP network. "IP ADDRESS SETTING" must also be configured. This program is initially enabled (factory default setting).
5	ENABLE DHCP	1: YES 2: NO	If "YES" is selected (factory default setting) and the machine is connected to a TCP/IP network, the IP address will be acquired automatically. If you will manually assign an IP address using "IP ADDRESS SETTING", select "NO".
6	IP ADDRESS SETTING	• IP ADDRESS • SUBNETMASK • DEFAULT GATEWAY	This program is used to set the IP address (IP address, Subnet Mask, and Gateway) of the machine when TCP/IP protocol is used on the network. When "ENABLE DHCP" is selected, the machine will obtain an IP address automatically. This is the factory default setting.
7	ENABLE NETWARE	1: YES 2: NO	This program must be enabled to use the machine on a network that uses NetWare protocol. This program is initially enabled (factory default setting).
8	ENABLE ETHERTALK	1: YES 2: NO	This program must be enabled to use the machine on a network that uses EtherTalk protocol. This program is initially enabled (factory default setting).
9	ENABLE NETBEUI	1: YES 2: NO	This program must be enabled to use the machine on a network that uses NetBEUI protocol. This program is initially enabled (factory default setting).

SETUP IN A WINDOWS ENVIRONMENT

INSTALLING THE SOFTWARE INSTALLING THE PRINTER DRIVER

1 Insert the "Software CD-ROM" (Disc 1) into your computer's CD-ROM drive.

2 Click the "start" button, click "My Computer" (), and then double-click the CD-ROM icon ().

- In Windows Vista, click the "Start" button, click "Computer", and then double-click the "CD-ROM" icon.
- In Windows 98/Me/2000, double-click "My Computer" and then double-click the CD-ROM icon.

3 Double-click the "setup" icon (). In Windows Vista, if a message screen appears asking you for confirmation, click "Allow".

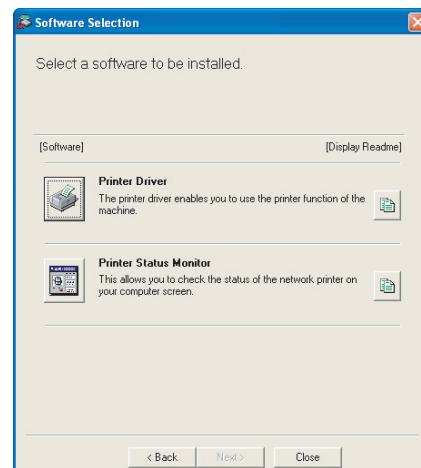
4 The "SOFTWARE LICENSE" window will appear. Make sure that you understand the contents of the license agreement, and then click the "Yes" button.



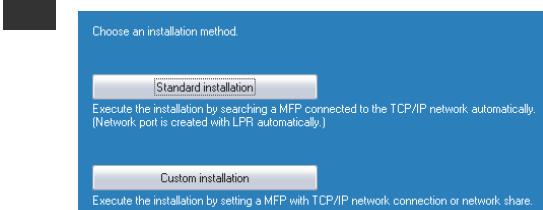
You can show the "SOFTWARE LICENSE" in a different language by selecting the desired language from the language menu. To install the software in the selected language, continue the installation with that language selected.

5 Read the message in the "Welcome" window and then click the "Next" button.

6 Click the "Printer Driver" button. To view information on the software, click the "Display Readme" button.



7 Click the "Standard installation" button.

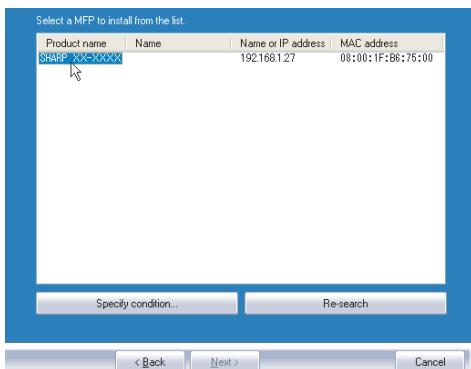


When "Custom installation" is selected, you can change any of the items below. When "Standard installation" is selected, the installation will take place as indicated below.

- Machine connection method: LPR Direct Print
- Set as default printer: Yes
- Printer driver name: Cannot be changed
- PCL printer display fonts: Installed If you selected "Custom installation", select "LPR Direct Print" and click the "Next" button.

If you selected other than "LPR Direct Print", see "[SHARING THE PRINTER USING WINDOWS NETWORKING](#)" (p.13).

8 Printers connected to the network are detected. Select the machine and click the "Next" button.

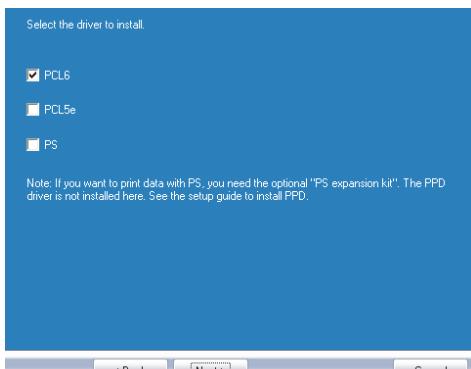


Note If the machine is not found, make sure that the machine is powered on and connected to your computer and then search again. If the machine is still not found, use the custom installation procedure to directly specify the IP address.

9 A confirmation window appears. Check the contents and then click the "Next" button.

10 When the printer driver selection window appears, select the printer driver to be installed and click the "Next" button.

Select the checkboxes of the printer drivers to be installed.



Note To use the PS printer driver, the PS3 expansion kit must be installed.

11 Select whether or not you wish the printer to be your default printer and click the "Next" button.

If you are installing multiple printer drivers, select the printer that you wish to use as your default printer.

If you do not wish to set either printer driver as the default printer, select "No".



If you clicked the "Custom installation" button in step 7, the following windows will appear.

- **Printer name window**
If you wish to change the printer name, enter the desired name and click the "Next" button.
- **Window confirming installation of the display fonts**
To install the display fonts for the PCL printer driver, select "Yes" and click the "Next" button.
If you are not installing the PCL printer driver (you are installing the PS printer driver), select "No" and click the "Next" button.

12 Follow the on-screen instructions.

Read the message in the window that appears and click the "Next" button.
Installation begins.



If you are using Windows 2000/XP/Server 2003

If a warning message regarding the Windows logo test or digital signature appears, be sure to click the "Continue Anyway" or "Yes" button.

If you are using Windows Vista
If a security warning window appears, be sure to click "Install this driver software anyway".

13 When the installation completed screen appears, click the "OK" button.

14 Click the "Close" button.



After the installation, a message prompting you to restart your computer may appear. In this case, click the "Yes" button to restart your computer.

This completes the installation of the software.

- After installation, see "[CONFIGURING THE PRINTER DRIVER](#)" (p.18) to check the printer driver settings.
- To install the Printer Status Monitor, see "[INSTALLING THE PRINTER STATUS MONITOR](#)" (p.15).



If you installed the PS printer driver, the PS display font can be installed from the "PRINTER UTILITIES" CD-ROM that accompanied the PS3 expansion kit. ([p.16](#))

SHARING THE PRINTER USING WINDOWS NETWORKING

If the machine will be used as a shared printer on a network, follow these steps to install the printer driver in the client computer.



To configure the appropriate settings in the print server, see the operation manual or help file of your operating system.

"Print server" as explained here, is a computer that is directly connected to the machine, and a "Client" is any other computer that is connected to the same network.

1 Insert the "Software CD-ROM" (Disc 1) into your computer's CD-ROM drive.

2 Click the "start" button, click "My Computer" (), and then double-click the CD-ROM icon ().

- In Windows Vista, click the "Start" button, click "Computer", and then double-click the "CD-ROM" icon.
- In Windows 98/Me/2000, double-click "My Computer" and then double-click the CD-ROM icon.

3 Double-click the "setup" icon ().

In Windows Vista, if a message screen appears asking you for confirmation, click "Allow".

4 The "SOFTWARE LICENSE" window will appear. Make sure that you understand the contents of the license agreement, and then click the "Yes" button.



You can show the "SOFTWARE LICENSE" in a different language by selecting the desired language from the language menu. To install the software in the selected language, continue the installation with that language selected.

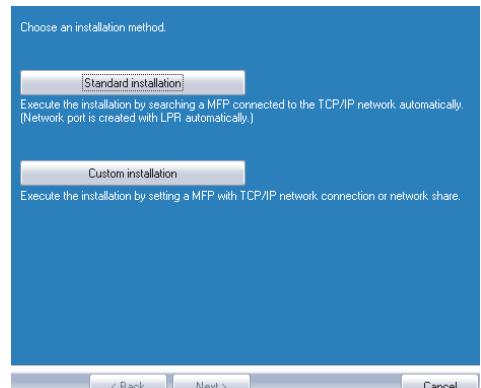
5 Read the message in the "Welcome" window and then click the "Next" button.

6 Click the "Printer Driver" button.

To view information on the software, click the "Display Readme" button.



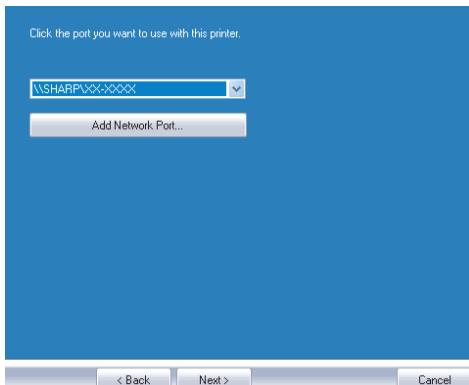
7 Click the "Custom installation" button.



8 Select "Shared Printer" and click the "Next" button.

9 For the port to be used, select the machine set as a shared printer, and click the "Next" button.

If you are using Windows 98/Me/2000/XP, you can also click the "Add Network Port" button and select the printer to be shared by browsing the network in the window that appears. (In Windows Vista, the "Add Network Port" button does not appear.)

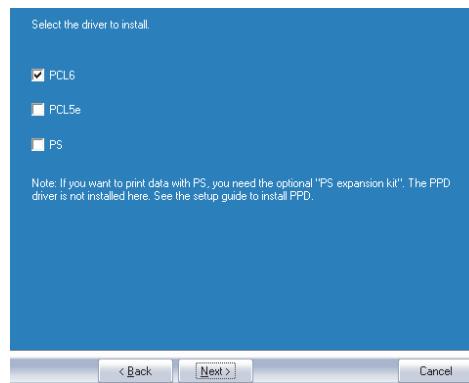


Note
If the shared printer does not appear in the list, check the settings in the printer server.

10 When the model selection window appears, select model name of your machine and click the "Next" button.

11 When the printer driver selection window appears, select the printer driver to be installed and click the "Next" button.

Be sure to select the same printer driver as the printer driver used in the print server (the machine).



12 Follow the on-screen instructions.

• If you are using Windows 2000/XP/Server 2003

If a warning message regarding the Windows logo test or digital signature appears, be sure to click the "Continue Anyway" or "Yes" button.

• If you are using Windows Vista

If a security warning window appears, be sure to click "Install this driver software anyway".

13 When the installation completed screen appears, click the "OK" button.

14 Click the "Close" button in the window of step 6.

After the installation, a message prompting you to restart your computer may appear. If this message appears, click the "Yes" button to restart your computer.

This completes the installation of the software.

- After installation, see "[CONFIGURING THE PRINTER DRIVER](#)" (p.18) to check the printer driver settings.
- To install the Printer Status Monitor, see "[INSTALLING THE PRINTER STATUS MONITOR](#)" (p.15).

Note
If you installed the PS printer driver, the PS display font can be installed from the "PRINTER UTILITIES" CD-ROM that accompanied the PS3 expansion kit. ([p.16](#))

INSTALLING THE PRINTER STATUS MONITOR

1 Insert the "Software CD-ROM" (Disc 1) into your computer's CD-ROM drive.

2 Click the "start" button, click "My Computer" (), and then double-click the CD-ROM icon ().

- In Windows Vista, click the "Start" button, click "Computer", and then double-click the "CD-ROM" icon.
- In Windows 98/Me/2000, double-click "My Computer" and then double-click the CD-ROM icon.

3 Double-click the "setup" icon ().

In Windows Vista, if a message screen appears asking you for confirmation, click "Allow".

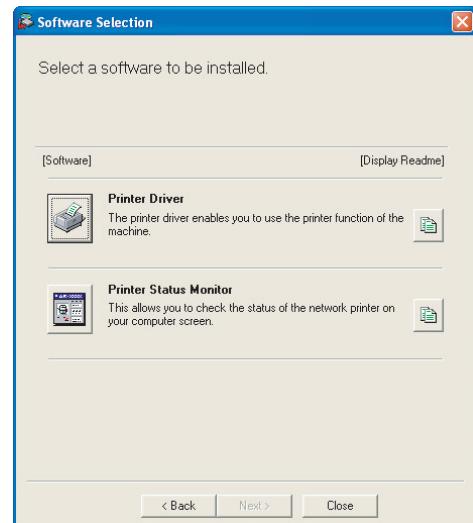
4 The "SOFTWARE LICENSE" window will appear. Make sure that you understand the contents of the license agreement, and then click the "Yes" button.



You can show the "SOFTWARE LICENSE" in a different language by selecting the desired language from the language menu. To install the software in the selected language, continue the installation with that language selected.

5 Read the message in the "Welcome" window and then click the "Next" button.

6 Click the "Printer Status Monitor" button. To view information on the software, click the "Display Readme" button.



7 Follow the on-screen instructions.

8 When the installation completed screen appears, click the "Finish" button.

To have the Printer Status Monitor start automatically when your computer is started, select the "Add this program to your Startup folder" checkbox.

9 Click the "Close" button in the window of step 6.



After the installation, a message prompting you to restart your computer may appear. If this message appears, click the "Yes" button to restart your computer.

This completes the installation.

For the procedures for using the Printer Status Monitor, see the Help file. Follow these steps to view the Help file:

Click the Windows "start" button, select "All Programs" ("Programs" in Windows 98/Me/2000), select "SHARP Printer Status Monitor" and then select "Help".

INSTALLING THE PS DISPLAY FONTS

The fonts used by the PS printer driver are contained in the "PRINTER UTILITIES" CD-ROM that accompanied the PS3 expansion kit. Install these fonts as needed for the PS printer driver.

1 Insert the "PRINTER UTILITIES" CD-ROM into your computer's CD-ROM drive.

If your computer is configured for auto start on the CD-ROM, proceed to step **4**.

2 Click the "start" button, click "My Computer" (), and then double-click the CD-ROM icon ().

- In Windows Vista, click the "Start" button, click "Computer", and then double-click the "CD-ROM" icon.
- In Windows 98/Me/2000, double-click "My Computer", and then double-click the CD-ROM icon.

3 Double-click the "setup" icon ().

In Windows Vista, if a message screen appears asking you for confirmation, click "Allow".

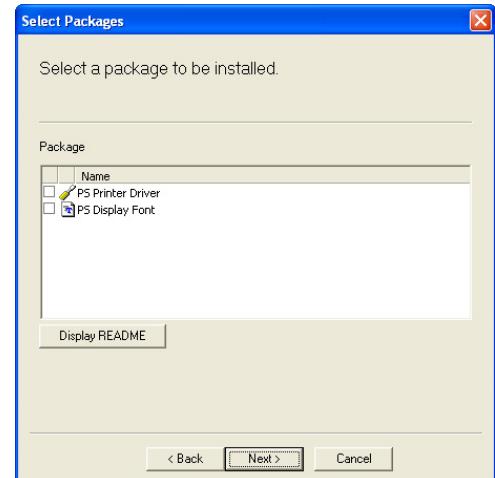


If the language selection screen appears after you double click the "setup" icon, select the language that you wish to use and click the "Next" button. (Normally the correct language is selected automatically.)

4 Select the "PS Display Font" checkbox and click the "Next" button.



Do not select "PS Printer Driver". The PS printer driver for the machine should only be installed from the CD-ROM that accompanies the network expansion kit.



5 Follow the on-screen instructions.

USING THE PPD FILE

The PPD file enables the machine to print using the standard PS driver of the operating system, and can be used when the optional PS3 expansion kit is installed. Install the PPD file as needed.

Use the Add Printer Wizard in Windows to install the PPD file.

Be sure to read the Readme file before installing the PPD file. The Readme file is in the "English" folder. For the location of the folder, see step 4.

- 1 Click the "start" button, click "Control Panel", click "Printers and Other Hardware", and then click "Printers and Faxes".
 - In Windows Vista, click the "Start" button, click "Control Panel" and then click "Printer".
 - In Windows Server 2003, click the "Start" button and then click "Printers and Faxes".
 - In Windows 98/Me/2000, click the "Start" button, select "Settings", and then click "Printers".
- 2 Insert the "Software CD-ROM" (Disc 1) into your computer's CD-ROM drive.

- 3 Click "Add a printer" in "Printer Tasks".
 - In Windows Vista, click "Add a printer" from the tool bar.
 - In Windows 98/Me/2000, double-click the "Add Printer" icon.
The "Add Printer Wizard" will appear.

- 4 Follow the on-screen instructions.
When you are asked to specify the path of the PPD file, enter the path as follows.
(Substitute the letter of your CD-ROM drive for "R" in the following paths.)

Operating system	PPD file path
Windows 98/Me	R:\Drivers\Printer\English\PPD\9xMe
Windows 2000/XP/ Server 2003/Vista	R:\Drivers\Printer\English\PPD\2KXPVista

Installing the resident font information for PPD (only when the PPD file is installed in Windows 98/Me)

If you have installed the PPD file in Windows 98/Me and will be using the resident font, you must install resident font information for PPD. Follow the procedure below to install the resident fonts information.

 **Note**

- If you are using Windows 2000, Windows XP, Windows Server 2003 or Windows Vista, the resident font information is automatically installed when the PPD file is installed.
- Before installing the resident font information, be sure to install the PPD file.

- 1 Insert the "Software CD-ROM" (Disc 1) into your computer's CD-ROM drive.
- 2 Double-click "My Computer" (), and then double-click the CD-ROM icon ().
- 3 Double-click the "Drivers" folder, the "Printer" folder, the "English" folder, the "PPD" folder, the "9xMe" folder, and "PFMSsetup.exe".

- 4 Follow the on-screen instructions.

- 5 After the resident font information has been installed, restart your computer.



If printer resident fonts cannot be specified from the application software, the resident font information has not been installed or the information is not correct. In this case, reinstall the resident font information.

CONFIGURING THE PRINTER DRIVER

After installing the printer driver, you must configure the printer driver settings appropriately for the number of paper trays on the machine and the size of paper loaded in each tray.

1 Click the "start" button, click "Control Panel", click "Printers and Other Hardware", and then click "Printers and Faxes".

- In Windows Vista, click the "Start" button, click "Control Panel" and then click "Printer".
- In Windows Server 2003, click the "Start" button and then click "Printers and Faxes".
- In Windows 98/Me/2000, click the "Start" button, select "Settings", and then click "Printers".

2 Click the "SHARP XX-XXXX" printer driver icon and select "Properties" from the "File" menu.

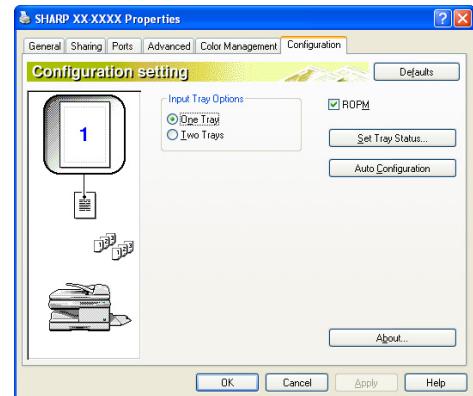
- If you are using Windows 2000/XP/Server 2003/Vista, go to step 4.
- In Windows Vista, from the "Organize" menu select "Properties".



3 In Windows 98/Me, click the "Setup" tab.

4 Click the "Configuration" tab and set the printer configuration based on the options that have been installed.

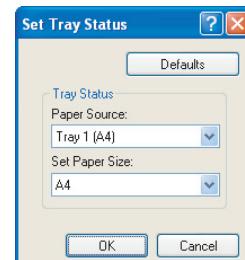
Set the printer configuration properly. Otherwise, printing may not take place correctly.



To automatically configure the settings based on the detected machine status, click the "Auto Configuration" button.

5 Click the "Set Tray Status" button and select the size of paper that is loaded in each tray.

Select a tray in the "Paper source" menu, and select the size of paper loaded in that tray from the "Set Paper Size" menu. Repeat for each tray.



6 Click the "OK" button in the "Set Tray Status" window.

7 Click the "OK" button in the printer properties window.

SETUP IN A MACINTOSH ENVIRONMENT

This chapter explains how to install the PPD file to enable printing from a Macintosh and how to configure the printer driver settings.

- MAC OS X: this page
(v10.1.5, v10.2.8, v10.3.9, v10.4 - v10.4.10)
- MAC OS 9.0 - 9.2.2: page 23



To use the machine as a printer in a Macintosh environment, the PS3 expansion kit is necessary.

MAC OS X



The explanations of screens and procedures are primarily for Mac OS X v10.4. The screens may vary in other versions of the operating system.

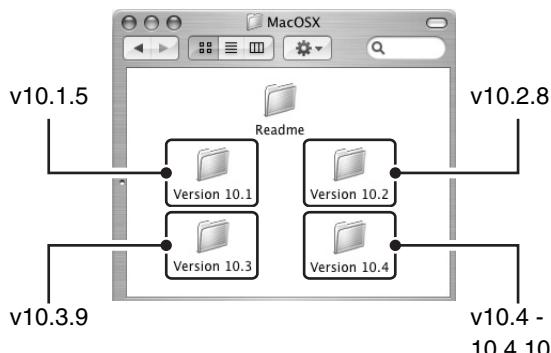
1 Insert the "Software CD-ROM" (Disc 2) into your computer's CD-ROM drive.

2 Double-click the CD-ROM icon (CD) on the desktop.

3 Double-click the "MacOSX" folder.

Before installing the software, be sure to read "ReadMe First". "ReadMe First" is in the "English" folder in the "Readme" folder.

4 Double-click the folder corresponding to the versions of the operating system.



5 Double-click the "AR-NB2A" icon (PDF).



- If the "Authorization" window appears in Mac OS X v10.1.5, click the lock icon (), enter the password, and click the "OK" button.
- If the "Authenticate" window appears in Mac OS X v10.2.8, enter the password and click the "OK" button.

6 Click the "Continue" button.



Macintosh

7 The License Agreement window will appear. Make sure that you understand the contents of the license agreement and then click the "Continue" button. A message will appear asking you if you agree to the terms of the license. Click the "Agree" button.



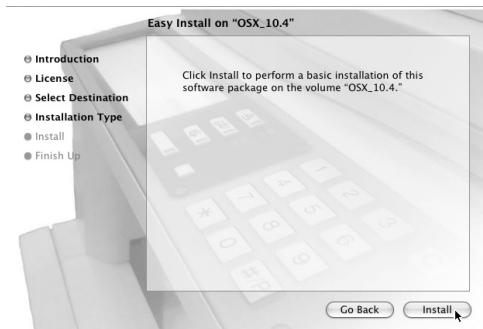
If the license appears in a different language, change the language in the language menu.

8 Select the hard drive where the PPD file will be installed and click the "Continue" button.

Be sure to select the hard drive on which your operating system is installed.



9 Click the "Install" button. Installation begins.



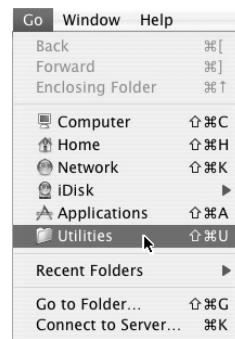
If the "Authenticate" window appears, enter the password and click the "OK" button.

10 When the message "The software was successfully installed" appears in the installation window, click the "Close" button.

This completes the installation of the software. Next, configure the printer driver settings.

11 Select "Utilities" from the "Go" menu.

If you are using Mac OS X v10.1.5 or v10.2.8, select "Applications" from the "Go" menu.



12 Double-click the "Printer Setup Utility" icon ().

If you are using Mac OS X v10.1.5 or v10.2.8, double-click the "Utilities" folder and then double-click the "Print Center" icon.



If this is the first time you are installing a printer driver on your computer, a confirmation message will appear. Click the "Add" button.

13 Click "Add".

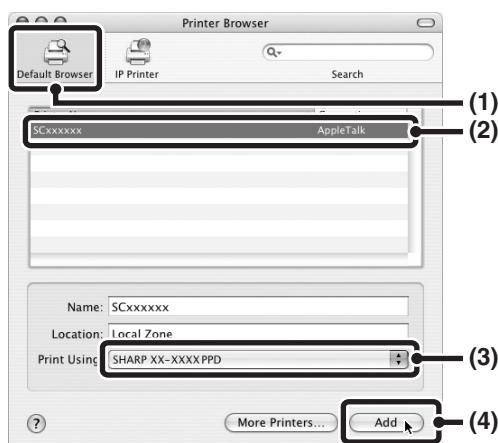
If you are using Mac OS X v10.1.5, click the "Add Printer" button.



14 Configure the printer driver.

The procedure for configuring the printer driver varies depending on the operating system version. The procedure for versions 10.4 - 10.4.10 and the procedure for other versions are explained separately below.

v10.4 - 10.4.10



(1) Click the "Default Browser" icon.

If multiple AppleTalk zones are displayed, select the zone that includes the printer from the menu.

(2) Click the machine's model name.

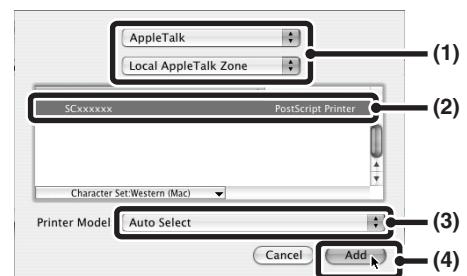
- The machine's model name usually appears as "SCxxxxxx". ("xxxxxx" is a sequence of characters that varies depending on your model.)
- The PPD file of the machine is automatically selected.

(3) Make sure that the PPD file of your model is selected.

(4) Click the "Add" button.

The PPD file of the machine is automatically selected and the peripheral devices installed on the machine are detected and automatically configured.

10.1.5, v10.2.8, v10.3.9



(1) Select "AppleTalk".

If multiple AppleTalk zones are displayed, select the zone that includes the printer from the menu.

(2) Click the machine's model name.

The machine's model name usually appears as "SCxxxxxx". ("xxxxxx" is a sequence of characters that varies depending on your model.)

(3) Select the PPD file of the machine.

- If you are using Mac OS X v10.1.5, select "Other". The PPD file selection window will appear. Click "Startup disk name" - "Library" - "Printers" - "PPDs" - "Contents" - "Resources" - "en.lproj" - "PPD file for your model", and then click the "Choose" button.
- If you are using Mac OS X v10.2.8, select "Sharp" and click the PPD file of your model.
- If you are using Mac OS X v10.3.9, select "Auto Select".

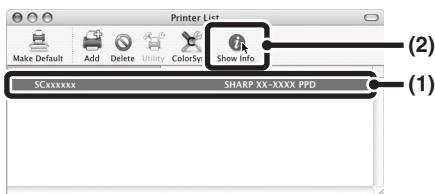
(4) Click the "Add" button.

If you are using Mac OS X v10.3.9, the PPD file of the machine is automatically selected and the peripheral devices installed on the machine are detected and automatically configured.



The PPD file is installed in the following folders on the startup disk.
"Library" - "Printers" - "PPDs" - "Contents" - "Resources" - "en.lproj"

If you are using Mac OS X v10.1.5, this completes the configuration of the printer driver. If you are using a version other than Mac OS X v10.1.5, go to the next step.

15 Display printer information.

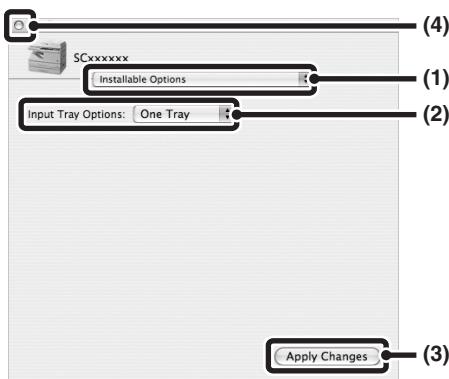
(1) Click the machine's name.

(2) Click "Show Info".

If you are using Mac OS X v10.2.8,
select "Show Info" from the "Printers"
menu.

16 Select the machine configuration.

If you selected "Auto Select" in (3) of step 14, the machine configuration is detected and automatically configured. Check the configured settings to make sure they are correct.



(1) Select "Installable Options".

(2) Select the options that are installed on the machine.

(3) Click the "Apply Changes" button.

(4) Click to close the window.

This completes the configuration of the printer driver.

MAC OS 9.0 - 9.2.2



If you are using Mac OS 9.0 to 9.2.2, make sure that "LaserWriter 8" has been installed and that the "LaserWriter 8" checkbox is selected in "Extensions Manager" in "Control Panels". If not, install it from the system CD-ROM supplied with your Macintosh computer.

1 Insert the "Software CD-ROM" (Disc 2) into your computer's CD-ROM drive.

2 Double-click the "CD-ROM" icon (CD-ROM icon) on the desktop.

3 Double-click the "MacOS" folder.

Before installing the software, be sure to read "ReadMe First". "ReadMe First" is in the "English" folder in the "Readme" folder.

4 Double-click the "Installer" icon (CD-ROM icon).

5 Click the "Install" button.



6 The License Agreement window will appear. Make sure that you understand the contents of the license agreement and then click the "Yes" button.

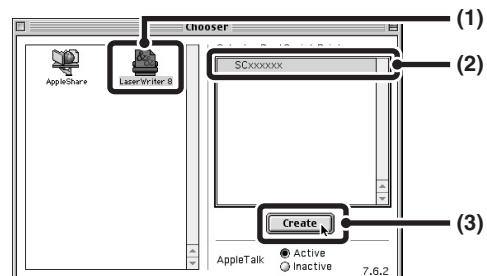
7 Read the message in the window that appears and click the "Continue" button.

Installation of the PPD file begins. After the installation, a message prompting you to restart your computer will appear. Click the "OK" button and restart your computer.

This completes the installation of the software. Next, configure the printer driver settings.

8 Select "Chooser" from the Apple Menu.

9 Create a printer.



(1) Click the "LaserWriter 8" icon.

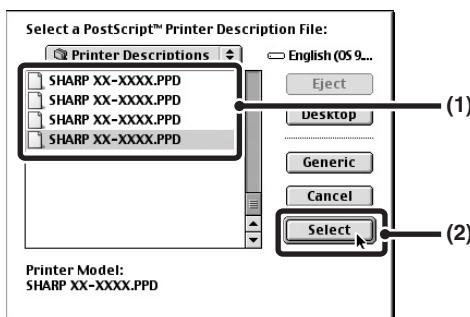
If multiple AppleTalk zones are displayed, select the zone that includes the printer.

(2) Click the machine's model name.

The machine's model name usually appears as "SCxxxxxx". ("xxxxxx" is a sequence of characters that varies depending on your model.)

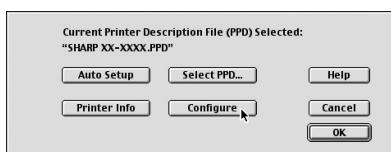
(3) Click the "Create" button.

Macintosh

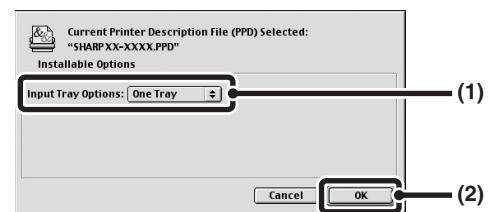
10 Select the PPD file.

(1) Click the PPD file for your model.
 (2) Click the "Select" button.

- If the above dialog box does not appear and you return to the "Chooser" dialog box, follow these steps to select the PPD file manually.
 - (1) Make sure that the machine is selected in the "Select a PostScript Printer" list, and then click the "Setup" button followed by the "Select PPD" button.
 - (2) Select the PPD file for your model and click the "Open" button.
 - (3) Click the "OK" button.
- The PPD file is installed in the "Printer Descriptions" folder in the "Extensions" folder.

11 Make sure that the machine is selected in the "Select a PostScript Printer" list and then click the "Setup" button.**12** Click the "Configure" button.

Note To automatically configure the settings based on the installed machine options that are detected, click the "Auto Setup" button.

13 Select the machine configuration.

(1) Select the options that are installed on the machine.
 (2) Click the "OK" button.

14 Click the "OK" button in the window of step 12 to close the window.**15** Click the close box (□) to close the "Chooser".

This completes the configuration of the printer driver.

Installing the screen fonts

The screen fonts for Mac OS 9.0 - 9.2.2 are contained in the "Font" folder of the "PRINTER UTILITIES" CD-ROM that accompanies the PS3 expansion kit. Copy the fonts that you wish to install to the "System Folder" of the startup disk.

Note If you experience problems that may be due to the installed screen fonts, immediately delete the installed fonts from the system.

SHARP
SHARP CORPORATION